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United States Department of Agriculture

MONTHLY LIST OF PUBLICATIONS

JULY 1937

Any five of the nontechnical publications listed herein, unless indicated "For sale only", may be obtained free upon application to the United States Department of Agriculture, Washington, D. C., as long as the Department's supply lasts. After this supply is exhausted, publications may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., by purchase at the prices stated herein. His office is not a part of the Department of Agriculture.

Free distribution of technical material and periodicals is restricted.

FARMERS' BULLETINS

Soil and water conservation in the Pacific Northwest. E. M. Rowalt, Soil Conservation Service. 59 p., illus. (F. B. 1773F.) Price, 10¢.

LEAFLETS

Sash greenhouses. J. H. Beattie, Bureau of Plant Industry. 8 p., illus. (Leaf. 124L.) Price, 5¢.

Rhubarb production. J. H. Beattie, Bureau of Plant Industry. 4 p., illus. (Leaf. 126L.) Price, 5¢.

TECHNICAL BULLETINS

Types of vegetation in the San Joaquin Valley of California and their relation to the beet leafhopper. R. L. Piemeisel, Bureau of Plant Industry, and F. R. Lawson, Bureau of Entomology and Plant Quarantine. 28 p., illus. (T. B. 557T.) Price, 10¢.

The nematode, *Ornithostrongylus quadriradiatus*, a parasite of the domesticated pigeon. Eugenia Cuvillier, Bureau of Animal Industry. 36 p., illus. (T. B. 569T.) Price, 10¢.

Irrigated crop rotations at the Huntley (Mont.) Field Station, 1912-35. Stephen H. Hastings and Dan Hansen, Bureau of Plant Industry. 38 p., illus. (T. B. 571T.) Price, 10¢.

CIRCULARS

Crow-waterfowl relationships: Based on preliminary studies on Canadian breeding grounds. E. R. Kalmbach, Bureau of Biological Survey. 36 p., illus. (Cir. 433C.) Price, 10¢.

Production and agricultural use of sodium nitrate. Albert R. Merz, Bureau of Chemistry and Soils, and C. C. Fletcher, Bureau of Plant Industry. 12 p. (Cir. 436C.) Price, 5¢.

Lumpy jaw, or actinomycosis. John R. Mohler and Maurice S. Shahan, Bureau of Animal Industry. 10 p., illus. (Cir. 438C.) Price, 5¢.

Development of Powdery Mildew Resistant Cantaloup No. 45. I. C. Jagger, Bureau of Plant Industry, and G. W. Scott, California Agricultural Experiment Station. 6 p., illus. (Cir. 441C.) Price, 5¢.

Country milk-receiving and cooling stations. C. E. Clement, Bureau of Dairy Industry. 60 p., illus. (Cir. 432C.) Price, 10¢.

MISCELLANEOUS PUBLICATIONS

List of periodicals currently received in the Library of the United States Department of Agriculture, June 1, 1936. Elizabeth G. Hopper and Lydia K. Wilkins, U. S. Department of Agriculture Library. 337 p. (M. P. 245M.) Price, 30¢. Restricted distribution.

A graphic summary of the value of farm property. (Based largely on the census of 1930 and 1935.) B. R. Stauber and M. M. Regan. 20 p., illus. (M. P. 263M.) Price, 5¢.

A graphic summary of farm machinery, facilities, roads, and expenditures. (Based largely on the census of 1930 and 1935.) O. E. Baker, Bureau of Agricultural Economics. 33 p., illus. (M. P. 264M.) Price, 10¢.

Construction of private driveways. David M. Beach, Bureau of Public Roads. 30 p., illus. (M. P. 272M.) Price, 10¢.

Vitamin content of foods. A summary of the chemistry of vitamins, units of measurement, quantitative aspects in human nutrition, and occurrence in foods. Esther Peterson Daniel and Hazel E. Munsell, Bureau of Home Economics. 176 p. (M. P. 275M.) Price, 15¢.

- List of sires proved in dairy herd improvement associations, 1935-37. Bureau of Dairy Industry. 105 p. (M. P. 277M.) Price, 15¢.
Bibliography on highway lighting. Mildred A. Wilson, Bureau of Public Roads. 30 p., (M. P. 279M.) Price, 5¢.

STATISTICAL BULLETINS

- First annual report on tobacco statistics (with basic data). Bureau of Agricultural Economics. 148 p. (S. B. 58S.) Price, 15¢.
Grade, staple length, and tenderability of cotton in the United States, 1928-29 to 1935-36. Bureau of Agricultural Economics, in cooperation with State Agricultural Experiment Stations and the California State Department of Agriculture. 60 p. (S. B. 60S.) Price, 10¢.

SOIL SURVEYS

- Indiana, Dubois County. (No. 45, series 1930.) 39 p., illus. Price, 35¢.
North Carolina, Brunswick County. (No. 17, series 1932.) 40 p., illus. Price, 35¢.
Oklahoma, Mayes County. (No. 19, series 1932.) 38 p., illus. Price, 25¢.
South Carolina, Abbeville County. (No. 18, series 1932.) 36 p., illus. Price, 30¢.

SERVICE AND REGULATORY ANNOUNCEMENTS

- Bureau of Animal Industry. Service and regulatory announcements. Pp. 53-60. (S. R. A.—B. A. I. 361). May 1937. Pp. 61-72. (S. R. A.—B. A. I. 362). June 1937. Price, 5¢ each.¹
Bureau of Entomology and Plant Quarantine. Service and regulatory announcements. January-March 1937. Pp. 1-87. (S. R. A.—B. E. P. Q. No. 130.)²
List of intercepted plant pests, 1936. Bureau of Entomology and Plant Quarantine. Service and regulatory announcements. 83 p.²
Notices of judgment under the Food and Drugs Act. Food and Drug Administration. Pp. 379-422. (N. J., F. D. 26826-26950.) Foods; Pp. 423-463. (N. J., F. D. 26951-27000.) Drugs.¹
Index to notices of judgment 25001-26000. Food and Drugs Act. Food and Drug Administration. Pp. 505-542.²

OTHER PUBLICATIONS

- Agricultural statistics, 1937. 486 p. Free only to Government officials and co-operators. Price, 50¢. Paper covers.¹
Decisions of courts in cases under the Federal Food and Drugs Act. Otis H. Gates and Mastin G. White, Office of the Solicitor. 1546 p. Price, \$2.25. For sale only.¹

PERIODICALS

Free distribution of periodicals is definitely restricted. They may be obtained by purchase or subscription from the Superintendent of Documents.

- Agricultural situation. Vol. 21, no. 7, July 1, 1937. Price, 5¢ a copy; 25¢ a year, domestic; 45¢ a year, foreign.¹
Crops and markets. Vol. 14, no. 6, June 1937. Price, 10¢ a copy; \$1.00 a year, domestic; \$1.50 a year, foreign.²

Statistics concerning crops and livestock estimates and market information; reports on supplies, stocks, commercial movement, conditions, and prices of agricultural products; and studies of prices and demand, both foreign and domestic.

Daily weather maps. Limited editions. Not for general distribution.

Shows weather conditions for United States and forecast for all States east of the Mississippi River, except Illinois, Wisconsin, Indiana, Upper Michigan, Lower Michigan, Alabama, Mississippi, and the extreme western portion of Florida. Price daily, except Sundays and holidays, 25¢ a month, \$3 a year; daily, including Sundays and holidays, 30¢ a month, \$3.60 a year. Sunday and holiday maps only, 50¢ a year. Foreign subscription, \$7.25 a year. Maps DD, E, and CM, showing the weather conditions and forecasts, are issued at numerous stations through the United States, 20¢ a month, \$2.40 a year.¹

Experiment station record. Vol. 75, Index number, July-December 1936. Price, \$1 per volume (2 volumes a year) consisting of 6 monthly numbers and index; \$1.75 per volume, foreign. Single number for sale only. Price, 15¢.¹

A technical view of the world's scientific literature pertaining to agriculture.

Extension service review. Vol. 8, no. 7, July 1937. Illus. Price, 5¢ a copy; 50¢ a year, domestic; 90¢ a year, foreign.¹

Issued monthly by the Extension Service, of which it is the official organ, for the distribution of administrative information.

¹ Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.

² These may be obtained from the issuing bureau.

Indicate below, by numbers **IN NUMERICAL ORDER**, bulletins desired. In order to assure prompt delivery detach this frank and return in stamped envelope to United States Department of Agriculture, Office of Information, Washington, D. C. List no more than five publications. If more are desired, please apply to Superintendent of Documents, Government Printing Office, Washington, D. C., enclosing remittance to cover cost of publication. Be sure to fill in blank form on reverse side.

Farmers' Bulletins	Leaflets	Other publications

Journal of agricultural research. Price, \$3.25 a year, domestic; \$4.75 a year, foreign. Each issue, 15¢ domestic; 20¢ foreign.¹ Not distributed free to individuals.

— Separates. A small supply of each separate is given to the originating bureau or station for its staff, cooperators, and for such other distribution as can be made. Others interested may purchase copies from the Superintendent of Documents, Washington, D. C., at 5¢ each.

A-176. (In vol. 54, no. 6.) Effect of incubation temperature on time of death of chick embryo and relationship of energy metabolism to mortality. Emma M. Pringle and H. G. Barott.

A-177. (In vol. 54, no. 8.) Alfalfa leaf meal as a source of vitamin A for growing chickens. Burt W. Heywang and Harry W. Titus.

A-178. (In vol. 54, no. 8.) Comparison of cod-liver oil and ultraviolet irradiation as sources of vitamin D for confined laying hens. Ralph B. Nestler.

Calif.-81. (In vol. 54, no. 8.) Diastatic activity of orange leaves as affected by time, temperature, pH, and certain zinc salts. W. B. Sinclair and E. T. Bartholomew.

Calif.-82. (In vol. 54, no. 9.) Chemical composition of avocado fruits. A. R. C. Haas.

F-82. (In vol. 54, no. 7.) Construction of yield tables for nonnormal loblolly pine stands. Arland L. MacKinney, Francis N. Schumacher, and Leon E. Chaiken.

F-83. (In vol. 54, no. 10.) A comparison of some methods used in determining percentage utilization of range grasses. Joseph F. Pechance and G. D. Pickford.

G-1043. (In vol. 54, no. 7.) A humidity- and temperature-control cabinet for growing plants. C. O. Grandfield and Frank J. Zink.

G-1044. (In vol. 54, no. 8.) Bacterial leaf spot of begonia. Lucia McCulloch.

G-1045. (In vol. 54, no. 7.) Variation in mass isolates and monoonidum progenies of *Ceratostomella ulmi*. James M. Walter.

G-1046. (In vol. 54, no. 7.) Correlation between movement of the curly top virus and translocation of food in tobacco and sugar beet. C. W. Bennett.

G-1048. (In vol. 54, no. 7.) The time factor in pollen-tube growth and fertilization in barley. Merritt N. Pope.

G-1049. (In vol. 54, no. 8.) A leaf spot disease of red and white clovers. Oliver F. Smith.

G-1050. (In vol. 54, no. 8.) Selenium absorption by crop plants as related to their sulphur requirement. Annie M. Hurd-Karrer.

G-1051. (In vol. 54, no. 9.) Relation of nitrogen to yield of sugar-beet seed and to accompanying changes in composition of the roots. L. M. Pultz.

Ind.-27. (In vol. 54, no. 11.) Ringing and fruit setting as related to nitrogen and carbohydrate content of Grimes Golden apples. Laurenz Greene.

K-282. (In vol. 54, no. 7.) Digestive enzymes in the southern armyworm. Frank H. Babers and P. A. Woke.

N. Y. (Cornell)-36. (In vol. 54, no. 6.) Relative efficiency for growing lambs of the protein in rations supplemented by soybean-oil meal, linseed meal or corn-gluten meal. John I. Miller, F. B. Morrison, and L. A. Maynard.

N. Y. (Cornell)-37. (In vol. 54, no. 10.) Variations in egg-quality characters in certain breeds, varieties, and strains of chickens. A. Van Wagenen, G. O. Hall, and H. S. Wilgus, Jr.

N. Y. (Cornell)-38. (In vol. 54, no. 10.) The biology of microtine cycles. W. J. Hamilton, Jr.

T-10. (In vol. 54, no. 9.) Ascorbic acid content of a number of citrus fruits. Esther Peterson Daniel and Marjorie B. Rutherford.

Wash.-27. (In vol. 54, no. 7.) Relationship between yolk index, percentage of firm white, and albumen index. Victor Heiman and L. A. Wilhelm.

Wash.-28. (In vol. 54, no. 8.) Two mosaic diseases of peas in Washington. Folke Johnson and Leon K. Jones.

Wis.-81. (In vol. 54, no. 6.) Analysis of variation in the sexual cycle and some of its component phases, with special reference to cattle. A. B. Chapman and L. E. Casida.

Wis.-85. (In vol. 54, no. 8.) The nitrogen metabolism of the crown gall and hairy root bacteria. H. A. Conner, W. H. Peterson, and A. J. Riker.

Wis.-86. (In vol. 54, no. 10.) Changes in weight and nitrogen content of adult worker bees on a protein-free diet. Mykola H. Haydak.

¹ Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.

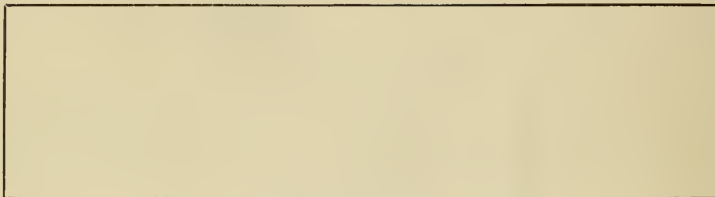


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7-37

Journal of agricultural research. Vol. 54, no. 11, June 1; no. 12, June 15, 1937. Illus.

Monthly weather review. Vol. 65, no. 4, April 1937. Illus. Price, 15¢ a copy; \$1.50 a year, domestic; \$2.25 a year, foreign.¹ Not for general distribution.

Contains (1) meteorological contributions and bibliography, (2) weather charts for the month with an interpretative summary, and (3) climatological tables.

Soil conservation. Vol. 3, no. 1, July 1937. Price, 10¢ a copy; \$1 a year, domestic.¹

Issued monthly by the Soil Conservation Service. Seeks to supply to workers and cooperators of the Department of Agriculture engaged in soil-conservation activities information of especial help to them in the performance of their duties.

Weekly weather and crop bulletin. Nos. 26-30, June 29-July 27, 1937. Price, 50¢ a year, domestic; 90¢ a year, foreign.¹

AGRICULTURAL ADJUSTMENT ADMINISTRATION

G-71. Agricultural conservation, 1936. A report of the activities of the Agricultural Adjustment Administration. 200 p. For sale only. Price, 20¢.

¹ Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.